



Refrigerator

User manual





Please read this manual before using the product!

Dear Customer.

We'd like you to make the best use of our product, which has been manufactured in modern facilities with care and meticulous quality controls.

Thus, we advice you to read the entire user manual before you use the product. In case the product changes hands, do not forget to hand the guide to its new owner along with the product.

This guide will help you use the product guickly and safely.

- Please read the user guide carefully before installing and operating the product.
- Always observe the applicable safety instructions.
- Keep the user guide within easy reach for future use.
- Please read any other documents provided with the product.

Keep in mind that this user guide may apply to several product models. The guide clearly indicates any variations of different models.



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This section provides the safety instructions necessary to prevent the risk of injury and material damage. Failure to observe these instructions will invalidate all types of product warranty.

Intended use



WARNING:

Keep ventilation openings, in the appliance enclosure or in the built-instructure, clear of obstruction.

WARNING:



Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.



WARNING:

Do not damage the refrigerant circuit.

WARNING:



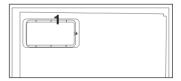
Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.

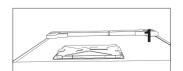
This appliance is intended to be used in household and similar applications such as

- staff kitchen areas in shops, offices and other working environments;
- farm houses and by clients in hotels, motels and other residential type environments:
- bed and breakfast type environments;
- catering and similar non-retail applications.

1.1. General safety

- This product should not be used by persons with physical, sensory and mental disabilities, without sufficient knowledge and experience or by children. The device can only be used by such persons under supervision and instruction of a person responsible for their safety. Children should not be allowed to play with this device.
- In case of malfunction, unplug the device.
- After unplugging, wait at least 5 minutes before plugging in again.
- Unplug the product when not in use.
- Do not touch the plug with wet hands!
 Do not pull the cable to plug off, always hold the plug.
- Do not plug in the refrigerator if the socket is loose.
- Unplug the product during installation, maintenance, cleaning and repair.
- If the product will not be used for a while, unplug the product and remove any food inside.
- Do not use the product when the compartment with circuit cards located on the upper back part of the product (electrical card box cover) (1) is open.





Safety and environment instructions

- Do not use steam or steamed cleaning materials for cleaning the refrigerator and melting the ice inside. Steam may contact the electrified areas and cause short circuit or electric shock!
- Do not wash the product by spraying or pouring water on it! Danger of electric shock!
- In case of malfunction, do not use the product, as it may cause electric shock. Contact the authorised service before doing anything.
- Plug the product into an earthed socket.
 Earthing must be done by a qualified electrician.
- If the product has LED type lighting, contact the authorised service for replacing or in case of any problem.
- Do not touch frozen food with wet hands! It may adhere to your hands!
- Do not place liquids in bottles and cans into the freezer compartment. They may explode.
- Place liquids in upright position after tightly closing the lid.
- Do not spray flammable substances near the product, as it may burn or explode.
- Do not keep flammable materials and products with flammable gas (sprays, etc.) in the refrigerator.
- Do not place containers holding liquids on top of the product. Splashing water on an electrified part may cause electric shock and risk of fire.
- Exposing the product to rain, snow, sunlight and wind will cause electrical danger. When relocating the product, do not pull by holding the door handle. The handle may come off.
- Take care to avoid trapping any part of your hands or body in any of the moving parts inside the product.

- Do not step or lean on the door, drawers and similar parts of the refrigerator. This will cause the product to fall down and cause damage to the parts.
- Take care not to trap the power cable.
- If the power cable is damaged, it must be replaced by the manufacturer, authorized service agent, or similarly qualified persons in order to avoid hazard.



1.1.1 HC warning

If the product comprises a cooling system using R600a gas, take care to avoid damaging the cooling system and its pipe while using and moving the product. This gas is flammable. If the cooling system is damaged, keep the product away from sources of fire and ventilate the room immediately.



The label on the inner left side indicates the type of gas used in the product.

1.1.2 For models with water dispenser

- Pressure for cold water inlet shall be maximum 90 psi (6.2 bar). If your water pressure exceeds 80 psi (5.5 bar), use a pressure limiting valve in your mains system. If you do not know how to check your water pressure, ask for the help of a professional plumber.
- If there is risk of water hammer effect in your installation, always use a water hammer prevention equipment in your installation. Consult Professional plumbers if you are not sure that there is no water hammer effect in your installation.

1. Safety and environment instructions

- Do not install on the hot water inlet.
 Take precautions against of the risk of freezing of the hoses. Water temperature operating interval shall be 33°F (0.6°C) minimum and 100°F (38°C) maximum.
- Use drinking water only.

1.2. Intended use

- This product is designed for home use. It is not intended for commercial use.
- The product should be used to store food and beverages only.
- Do not keep sensitive products requiring controlled temperatures (vaccines, heat sensitive medication, medical supplies, etc.) in the refrigerator.
- The manufacturer assumes no responsibility for any damage due to misuse or mishandling.
- Original spare parts will be provided for 10 years, following the product purchasing date.

1.3. Child safety

- Keep packaging materials out of children's reach.
- Do not allow the children to play with the product.
- If the product's door comprises a lock, keep the key out of children's reach.

1.4. Compliance with WEEE Directive and Disposing of the Waste Product

This product complies with EU WEEE Directive (2012/19/EU). This product bears a classification symbol for waste electrical and electronic equipment (WEEE).



This product has been manufactured with high quality parts and materials which can be reused and are suitable for recycling. Do not dispose of the waste product with normal domestic and other wastes at the end of its service life. Take it to the collection

center for the recycling of electrical and electronic equipment. Please consult your local authorities to learn about these collection centers.

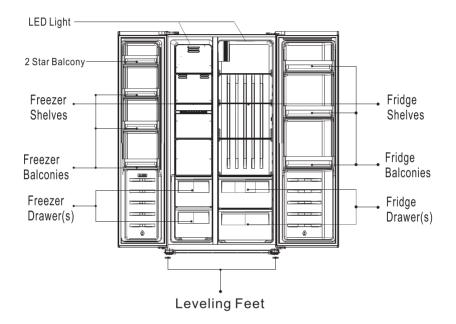
1.5. Compliance with RoHS Directive

• This product complies with EU WEEE Directive (2011/65/EU). It does not contain harmful and prohibited materials specified in the Directive.

1.6. Package information

 Packaging materials of the product are manufactured from recyclable materials in accordance with our National Environment Regulations. Do not dispose of the packaging materials together with the domestic or other wastes. Take them to the packaging material collection points designated by the local authorities.

Overview



This illustration is only for hinting, the detail please check your appliance.

Remove the doors

Tool required: Philips screwdriver, Flat bladed screwdriver.

- · Ensure the unit is unplugged and empty.
- · To take the door off, it is necessary to tilt the unit backwards. You should rest the unit on something solid so that it will not slip during the door removing process.
- All parts removed must be saved to do the reinstallation of the door.
- Do not lay the unit flat as this may damage the coolant system.
 It's better that 2 people handle the unit during assembly.
- 1. Unscrew hinge cover by Philips screwdriver.



2. Disconnect the harness.



3. Unscrew top hinge.



4. Lift the door and place it on a soft pad. Then remove another door as same process.



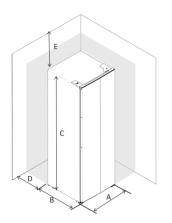
5. Unscrew bottom hinges.

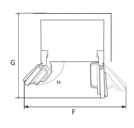


6. After the appliance is positioned, install the doors as reversed process.

Space Requirement

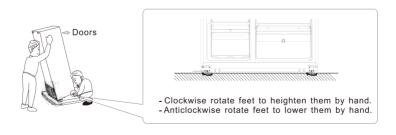
- Keep enough space of door open. Keep at least 50mm gap at two sides and back.





Α	900
В	590
С	1770
D	min=50
Ε	min=50
F	1800
G	1490
Н	135°

Levelling the refrigerator



Positionina

Install this appliance at a location where the ambient temperature corresponds to the climate class indicated on the rating plate of the appliance:

for refrigerating appliances with climate class:

- extended temperate: this refrigerating appliance is intended to be used at ambient temperatures ranging from 10 °C to 32 °C; (SN)
- temperate: this refrigerating appliance is intended to be used at ambient temperatures ranging from 16 °C to 32 °C:(N)
- subtropical: this refrigerating appliance is intended to be used at ambient temperatures ranging from 16 °C to 38 °C;(ST)
- tropical: this refrigerating appliance is intended to be used at ambient temperatures ranging from 16 °C to 43 °C:(T)

Location

The appliance should be installed well away from sources of heat such as radiators, boilers, direct sunlight etc. Ensure that air can circulate freely around the back of the cabinet. To ensure best performance, if the appliance is positioned below an overhanging wall unit, the minimum distance between the top of the cabinet and the wall unit must be at least 100 mm. Ideally, however, the appliance should not be positioned below overhanging wall units. Accurate leveling is ensured by one or more adjustable feet at the base of the cabinet.

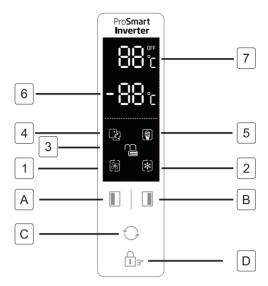
This refrigerating appliance is not intended to be used as a built-in appliance;

Warning! It must be possible to disconnect the appliance from the mains power supply; the plug must therefore be easily accessible after installation.

Flectrical connection

Before plugging in, ensure that the voltage and frequency shown on the rating plate correspond to your domestic power supply. The appliance must be earthed. The power supply cable plug is provided with a contact for this purpose.

Using the Control Panel



Buttons

- A Press to adjust temperature of freezer compartment (left side) from -14°C to -22°C.
- B Press to adjust temperature of fridge compartment (right side) from 2°C to 8°C and off cooling.
- $\fbox{Press to select running mode from {\bf SMART, ECO, SUPER COOLING, SUPER FREEZING} and USER'S {\bf SETTING} (no symbol in display).}$
- Press **3 SEC.** button and hold for 3 seconds to lock other three bottons. Press it and hold for 1 second to unlock other three bottons.

Display

- SUPER COOLING cools the fridge compartment to the lowest temperature as designed. After approx. 2.5 hours, the temperature setting would be restored to the previous user setting mode.
- SUPER FREEZING cools the fridge compartment to the lowest temperature as designed. After approx. 50 hours, the temperature setting would be restored to the previous user setting mode. Hips: it's better to switch on SUPER FREEZING mode 24 hours ahead before large amount of food is placed in freezer compartment.
- [3] LOCK, the symbol will light on if buttons are locked.
- SMART mode, the refrigerator sets the temperature of two compartments automatically according to internal temperature and ambient temperature.
- 5 **ECO** mode, the refrigerator runs in lowest energy consumption setting.
- 6 Display the setting temperature of freezer compartment.
- 7 Display the setting temperature of fridge compartment.
- Child lock would be failed since power failure. Child lock would be valid automatically after 25 seconds since last operation. Display panel would get turn off automatically after 2 minutes since last operation.
- 9 Some features may not be applicable with this model.

Daily Use

First use

Cleaning the interior

Before using the appliance for the first time, wash the interior and all internal accessories with lukewarm water and some neutral soap so as to remove the typical smell of a brand new product, then dry thoroughly. **Important!** Do not use detergents or abrasive powders, as these will damage the finish.

Daily use

Position different food in different compartments according to be below table

Refrigerator compartments	Type of food
Door or balconies of fridge compartment	Foods with natural preservatives, such as jams, juices, drinks, condiments. Do not store perishable foods.
Crisper drawer (salad drawer)	 Fruits, herbs and vegetables should be placed separately in the crisper bin. Do not store bananas, onions, potatoes, garlic in the refrigerator.
Fridge shelf – middle	Dairy products, eggs
Fridge shelf – top	Foods that do not need cooking, such as ready-to-eat foods, deli meats, leftovers.
Freezer drawer(s)/shelf	 Foods for long-term storage. Bottom drawer/shelf for raw meat, poultry, fish. Middle drawer/shelf for frozen vegetables, chips. Top drawer/shelf for ice cream, frozen fruit, frozen baked goods.

Thawing

Deep-frozen or frozen food, prior to be used, can be thawed in the freezer compartment or at room temperature, depending on the time available for this operation.

Small pieces may even be cooked still frozen, directly from the freezer. In this case, cooking will take longer.

Ice-cube

This appliance may be equipped with one or more ice-cube to produce ice

Accessories

Movable shelves

The walls of the refrigerator are equipped with a series of runners so that the shelves can be positioned as desired.

Positioning the door balconies

To permit storage of food packages of various sizes, the door balconies can be placed at different heights. To make these adjustments proceed as follows: gradually pull the balcony in the direction of the arrows until it comes free, then reposition as required.





Daily Use

Helpful hints and tips

Hints for freezing

To help you make the most of the freezing process, here are some important hints:

- the maximum quantity of food which can be frozen in 24 hrs. is shown on the rating plate:
- the freezing process takes 24 hours. No further food to be frozen should be added during this period;
- only freeze top quality, fresh and thoroughly cleaned, foodstuffs;
- prepare food in small portions to enable it to be rapidly and completely frozen and to make it possible subsequently to thaw only the quantity required;
- wrap up the food in aluminium foil or polythene and make sure that the packages are airtight:
- do not allow fresh, unfrozen food to touch food which is already frozen, thus avoiding a rise in temperature of the latter:
- · lean foods store better and longer than fatty ones; salt reduces the storage life of food;
- water ices, if consumed immediately after removal from the freezer compartment, can possibly cause
 the skin to be freeze burnt:
- it is advisable to show the freezing in date on each individual pack to enable you removal from the freezer compartment, can possibly cause the skin to be freeze burnt;
- it is advisable to show the freezing in date on each individual pack to enable you to keep tab of the storage time.

Hints for storage of frozen food

To obtain the best performance from this appliance, you should:

- Make sure that the commercially frozen foodstuffs were adequately stored by the retailer;
- Be sure that frozen foodstuffs are transferred from the food store to the freezer in the shortest possible time:
- Do not open the door frequently or leave it open longer than absolutely necessary;
- Once defrosted, food deteriorates rapidly and cannot be refrozen;
- Do not exceed the storage period indicated by the food manufacture.

Hints for fresh food refrigeration

To obtain the best performance:

- · Do not store warm food or evaporating liquids in the refrigerator
- · Do cover or wrap the food, particularly if it has a strong flavour

Hints for refrigeration

Useful hints:

- Make (all types): wrap in polythene bags and place on the glass shelves above the vegetable drawer.
- · For safety, store in this way only one or two days at the most.

polythene bags to exclude as much air as possible.

- · Cooked foods, cold dishes, etc...: these should be covered and may be placed on any shelf.
- Fruit and vegetables: these should be thoroughly cleaned and placed in the special drawer(s) provided.
 butter and cheese: these should be placed in special airtight containers or wrapped in aluminum foil or
- Milk bottle: these should have a cap and should be stored in the balconies on the door.
- Bananas, potatoes, onions and garlic, if not packed, must not be kept in the fridge.

Cleaning

For hygienic reasons the appliance interior, including interior accessories, should be cleaned regularly.



Caution! The appliance may not be connected to the mains during cleaning. Danger of electrical shock! Before cleaning switch the appliance off and remove the plug from the mains, or switch off or turn out the circuit breaker or fuse. Never clean the appliance with a steam cleaner. Moisture could accumulate in electrical components, danger of electrical shock! Hot vapors can lead to the damage of plastic parts. The appliance must be dry before it is placed back into service.

Important! Ethereal oils and organic solvents can attack plastic parts, e.g. lemon juice or the juice form orange peel, butyric acid, cleanser that contain acetic acid.

- Do not allow such substances to come into contact the appliance parts.
- · Do not use any abrasive cleaners
- · Remove the food from the freezer. Store them in a cool place, well covered.
- Switch the appliance off and remove the plug from the mains, or switch off or turn out the circuit breaker of fuse.
- Clean the appliance and the interior accessories with a cloth and lukewarm water. After cleaning wipe with fresh water and rub dry.
- · After everything is dry place appliance back into service.

Daily Use

Troubleshooting

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Caution! Before troubleshooting, disconnect the power supply. Only a qualified electrician of competent person must do the troubleshooting that is not in this manual.

Important! There are some sounds during normal use (compressor, refrigerant circulation).

Problem	Possible cause	Solution	
Appliance dose not work	Mains plug is not plugged in or is loose	Insert mains plug.	
	Fuse has blown or is defective	Check fuse, replace if necessary.	
	Socket is defective	Mains malfunctions are to be corrected by an electrician.	
Appliance freezes or cools too much	Temperature is set too cold or the appliance runs at SUPER modes.	Turn the temperature regulator to a warmer setting temporarily.	
	Temperature is not properly adjusted.	Please look in the initial Temperature Setting section.	
The food is not frozen	Door was open for an extended period.	Open the door only as long as necessary.	
enough.	A large quantity of warm food was placed in the appliance within the last 24 hours.	Turn the temperature regulation to a colder setting temporarily.	
	The appliance is near a heat source.	Please look in the installation location section.	
Heavy build up of frost on the door seal.	Door seal is not air tight.	Carefully warm the leaking sections of the door seal with a hair dryer (on a cool setting). At the same time shape the warmed door seal by hand such that it sits correctly.	
	Appliance is not level.	Re-adjust the feet.	
Unusual noises	The appliance is touching the wall or other objects.	Move the appliance slightly.	
	A component, e.g. a pipe, on the rear of the appliance is touching another part of the appliance or the wall.	If necessary, carefully bend the component out of the way.	
Side panels are hot	It's normal. Heat exchange is in the side panels	Take gloves to touch side panels if need.	

If the malfunction shows again, contact the Service Center.

These data are necessary to help you quickly and correctly. Write the necessary data here, refer to the rating plate.

DISPOSAL



This symbol indicates that this product shall not be disposed with other household wastes at the end of its service life. Used device must be returned to offical collection point for recycling of electrical and electronic devices. To find these collection systems please contact to your local authorities or retailer where the product was puchased. Each househol performs important role in recovering and recycling of old appliance. Appropriate disposal of used appliance helps prevent potential negative consequences fort he environment and human health.